

**NATURAL RESOURCES CONSERVATION SERVICE  
DOCUMENTATION AND CERTIFICATION**

**MANURE TRANSFER  
Code 634**

The items below shall be recorded in the conservation plan, conservation notes or an approved form as minimum documentation requirements for a practice.

1. Location and Site Investigation

Environmental Checklist Form (CB-EVC-2)  
Form CB-ENG-PLNG-1, Engineering Planning Consideration Checklist and Guide  
Conservation Plan Map  
Location Map (Topographic Quadrangles)  
Aerial Photos  
Surveying Plat (Property Limits)  
Flooding Maps (FEMA)  
SHPO-Cultural Resources Inventory  
Maps for Utilities Co. Providers

References:

- TR-1, Form CB-ENG-PLNG-1, Engineering Planning Consideration Checklist and Guide
- NRCS, GM 420, Part 401, Cultural Resources
- USGS Topographic Quadrangles

2. Soils/Geology Investigation

Geologic Maps  
Soil Boring - Form CB-ENG-016, Site Investigation Log Sheet  
Log Sheet  
Log Test Pit  
Conservation Plan Soil Map  
Soil Testing Lab (Optional)

References:

- NRCS Area Soil Survey
- TR-1, Form CB-ENG-016, Site Investigation Log Sheet
- Unified Soil Classification Chart

3. Engineering Survey

Form SCS-ENG-28  
Form SCS-ENG-29  
Surveying Computer Programs

References:

- 210-VI-TR-62, Engineering Layout, Notes, Staking and Calculations

- 210-VI-NEH-650.01, EFH Chapter 1, Engineering Survey

#### 4. Engineering Criteria

##### References:

- 210-VI-NEH-651, Agricultural Waste Management Field Manual
- CB FOTG Sec. IV, Code 634, Manure Transfer
- CB FOTG Sec. IV, Code 442, Irrigation System, Sprinkler
- CB FOTG Sec. IV, Code 428A, Irrigation Water Conveyance, Ditch and Canal Lining, Non-reinforced Concrete
- CB FOTG Sec. IV, Code 430, Irrigation Water Conveyance, Pipeline
- CB FOTG Sec. IV, Code 533, Pumping Plant for Water Control
- CB FOTG Sec. IV, Code 313, Waste Storage Facility
- CB FOTG Sec. IV, Code 633, Waste Utilization

#### 5. Drafting and Drawings

Drafting Computer Programs Output  
Sketches and Drawings

##### References:

- 210-VI-NEH-650.05, EFH Chapter 5, Preparation of Engineering Plans
- 210-VI-TR-73, Computer Aided Design and Drafting (CADD) Standards

#### 6. Engineering Cost Estimates

Local Suppliers Material Cost Lists

##### Reference:

- CB FOTG Section I, Cost Data

#### 7. O&M and Safety

Operation and Maintenance Plan  
Manufacturer's Recommendations

##### References:

- OSHA Reference Manuals

#### 8. Construction Materials and Specifications

##### References:

- 210-VI-NEH-650.17, EFH Chapter 17, Construction and Construction Materials
- 210-VI-NEH - Part 642, Specifications for Construction Contracts
- ASTM Standard Specifications

#### 9. Installation and Certification

Certification that application meets NRCS standards and specifications

Reference:

- 210-VI-NEH-19, Section 19, Construction Inspection